



Modern Algebra 1

Course Number	Course	Prerequisite	Credit hours
0301341	Modern Algebra 1	0301151	3

Groups and subgroups, cyclic groups, Abelian groups, Cosets, Lagrange's theorem, normal subgroups, quotient groups, external direct product, group homomorphisms, first isomorphism theorem, rings and subrings, integral domains, ideals, fields, quotient rings.